

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
SRSLABS.217AAPPLICATION NO.
09/185,876INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
KlaymanFILING DATE
November 3, 1998

GROUP

2655

RECEIVED

APR 26 1999

GROUP 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>m</i>	3,180,936	04/27/65	Schroeder			
<i>7</i>	3,838,217	09/24/74	Dreyfus			
	4,090,033	05/16/78	Silverstein			
	4,166,926	09/04/79	Sieler			
	4,186,280	01/29/80	Geiseler			
	4,275,269	06/23/81	Sugita, et al.			
	4,287,391	09/01/81	Queen			
	4,340,779	07/20/82	Hashimoto, et al.			
	4,441,202	04/03/84	Tong, et al.			
	4,506,379	03/19/85	Komatsu			
	4,542,524	09/17/85	Laine			
	4,618,985	10/21/86	Pfeiffer			
	4,641,343	02/03/87	Holland, et al.			
	4,661,981	04/28/87	Henrickson, et al.			
	4,696,040	09/22/87	Doddington, et al.			
	4,703,505	10/27/87	Seiler, et al.			
	4,707,858	11/17/87	Fette			
	4,743,906	05/10/88	Fullerton			
	4,748,669	05/31/88	Klayman			
	4,802,228	01/31/89	Silverstein, et al.			
	4,819,269	04/04/89	Klayman			
	4,827,516	05/02/89	Tsukahara, et al.			
	4,829,572	05/09/89	Kong			
	4,836,329	05/09/89	Klayman			
	4,841,572	06/20/89	Klayman			
	4,852,172	07/25/89	Taguchi			
	4,866,774	09/12/89	Klayman			
	4,882,752	11/21/89	Lindman, et al.			
	4,882,758	11/21/89	Uekawa, et al.			
	4,896,360	01/23/90	Knight			
<i>ms</i>	4,922,539	05/01/90	Rajasekaran, et al.			

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MD		4,933,973	06/12/90	Porter		APR 26 1999
		4,945,568	07/31/90	Willems		
		4,969,192	11/06/90	Chen, et al.		Group 2700
		4,979,216	12/18/90	Malsheen, et al.		
		5,012,519	04/3/91	Adlersberg, et al.		
		5,058,169	10/15/91	Temmer		
		5,103,481	04/07/92	Iseda, et al.		
		5,133,013	07/21/92	Munday		
		5,148,488	09/15/92	Chen, et al.		
		5,150,413	09/22/92	Nakatani, et al.		
		5,175,793	12/29/92	Sakamoto, et al.		
		5,177,329	01/05/93	Klayman		
		5,181,251	01/19/93	Schultheiss, et al.		
		5,195,167	03/16/93	Bahl, et al.		
		5,216,718	06/01/93	Fukuda		
		5,243,656	09/07/93	Tanida, et al.		
		5,251,260	10/05/93	Gates		
		5,280,543	01/18/94	Yokoyama, et al.		
		5,319,713	06/07/94	Waller, Jr., et al.		
		5,333,201	07/26/94	Waller, Jr.		
		5,459,813	10/17/95	Klayman		
		5,638,452	06/10/97	Waller, Jr.		
		5,661,808	08/26/97	Klayman		
		5,771,295	06/23/98	Waller, Jr.		
		5,784,468	07/21/98	Klayman		
MB		5,850,453	12/15/98	Klayman, et al.		

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
my		64-49100	02/23/89	Japan				
my		2555263	02/10/77	Germany				
HC		674341	12/27/65	Belgium				

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>mo</i>	1	Coetzee, et al., "An LSP Based Speech Quality Measure", ICASSP-89, pp. 596-599, Vol. 1, May 1989.
<i>mo</i>	2	Lim, "Enhancement and Bandwidth Compression of Noisy Speech"; <u>Proceedings of the IEEE</u> , Vol. 67, No. 12, pp. 1586-1604, Dec. 1979.
<i>mo</i>	3	Conway, et al., "Evaluation of a Technique Involving Processing With Feature Extraction to Enhance the Intelligibility of Noise-Corrupted Speech", IECON '90 Conference of IEEE Industrial Electronics Society, Vol. 1, pp. 28-33, November 1990.
<i>mo</i>	4	Conway, et al., "Adaptive Postfiltering Applied to Speech in Noise", Midwest Symposium on Circuits and Systems, pp. 101-104, August 1989.
<i>mo</i>	5	Clarkson, et al., "Envelope Expansion Methods for Speech Enhancement", <u>J. Acoust. Soc. Am.</u> , Vol. 89, No. 3, pp. 1378-1382, March 1991.

EXAMINER <i>mal</i>	DATE CONSIDERED <i>7/25/93</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	